

EAST Search History

S35	76	S34 and (convert\$3)	US-PGPUB; USPAT	OR	ON	2007/07/23 15:54
S36	3	S34 and (volt\$3 near divid\$3)	US-PGPUB; USPAT	OR	ON	2007/07/23 15:54
S37	14	((amplif\$4 and (speaker\$1 or loudspeaker\$1) and (convert\$3)) same (volt\$3 near divid\$3)) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/23 16:57
S38	11	S37 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/23 17:16
S39	617	(381/55,58,59,111.ccls.) and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/23 16:19
S40	90	S39 and ((compar\$3 or analyz\$3) with (memor\$3 or predetermin\$3 or stor\$3))	US-PGPUB; USPAT	OR	ON	2007/07/23 16:57
S41	95	((amplif\$4 and (speaker\$1 or loudspeaker\$1)) same (volt\$3 near divid\$3)) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/23 16:59
S42	79	S41 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/23 16:57
S43	13	S42 and ((amplif\$4 and (speaker\$1 or loudspeaker\$1)) with (volt\$3 near divid\$3)) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/23 17:04
S44	70	(((amplif\$4 resist\$3) and (speaker\$1 or loudspeaker\$1)) with (volt\$3 near divid\$3))	US-PGPUB; USPAT	OR	ON	2007/07/23 17:12
S45	57	S44 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/23 17:05
S46	0	(((amplif\$4 near2 resist\$3) and (speaker\$1 or loudspeaker\$1)) with (volt\$3 near divid\$3))	US-PGPUB; USPAT	OR	ON	2007/07/23 17:13
S47	64	(((resist\$3) and (speaker\$1 or loudspeaker\$1)) with (volt\$3 near divid\$3))	US-PGPUB; USPAT	OR	ON	2007/07/23 17:14
S48	302	(((resist\$3) and (speaker\$1 or loudspeaker\$1)) same (volt\$3 near divid\$3))	US-PGPUB; USPAT	OR	ON	2007/07/23 17:15
S49	317	((resist\$4 and (speaker\$1 or loudspeaker\$1)) same (volt\$3 near divid\$3))	US-PGPUB; USPAT	OR	ON	2007/07/23 17:16
S50	282	S49 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/23 17:16
S51	83	S50 and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/23 17:17

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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EAST Search History

L4	106	(US-20020106092-\$ or US-20020080980-\$ or US-20020176587-\$ or US-20030016835-\$ or US-20030072461-\$ or US-20020181713-\$ or US-20020048376-\$ or US-20020150263-\$ or US-20020159602-\$ or US-20020141601-\$ or US-20010028719-\$ or US-20020064287-\$ or US-20040057586-\$ or US-20030161485-\$ or US-20020031234-\$ or US-20020041693-\$ or US-20010031053-\$ or US-20020181720-\$ or US-20020009203-\$ or US-20040008850-\$ or US-20040042626-\$ or US-20030169890-\$ or US-20040165735-\$ or US-20040017921-\$ or US-20030185400-\$ or US-20020048379-\$).did. or (US-5259035-\$ or US-6549630-\$ or US-6694028-\$ or US-5657393-\$ or US-5058171-\$ or US-5778082-\$ or US-7224809-\$ or US-6535609-\$ or US-6584201-\$ or US-5058170-\$ or US-6748086-\$ or US-6111957-\$ or US-5736927-\$ or US-6603861-\$ or US-5500903-\$ or US-4806931-\$ or US-6041127-\$ or US-7035415-\$ or US-5627799-\$ or US-5473701-\$ or US-6222927-\$ or US-4149032-\$ or US-6990193-\$ or US-5465302-\$ or US-5602962-\$ or US-6584203-\$). did. or (US-7127070-\$ or US-4888807-\$ or US-6483923-\$ or US-7215786-\$ or US-7054452-\$ or US-6469732-\$ or US-5506908-\$ or US-6766029-\$ or US-6686839-\$ or US-6865275-\$ or US-7146013-\$ or US-6785391-\$ or US-5754665-\$ or US-7227960-\$ or US-4581758-\$ or US-7020291-\$ or US-7076069-\$ or US-6950525-\$ or US-6947570-\$ or US-7181026-\$ or US-4802227-\$ or US-7046812-\$ or US-5673327-\$ or US-7027601-\$ or US-7171008-\$ or US-7171007-\$ or US-7020290-\$). did. or (US-6324290-\$ or US-6049607-\$ or US-6618485-\$ or US-6917688-\$ or US-6683961-\$ or US-6795558-\$ or US-6968065-\$ or US-6526147-\$ or US-7068796-\$ or US-6594367-\$ or US-5581405-\$ or	US-PGPUB; USPAT	OR	ON	2007/07/24 10:20
7/24/2007 11:50:49 AM	C:\Documents and Settings\Paul\My Documents\FAST\Workspaces\10786494.wsp				Page 2	

EAST Search History

L5	6	L4 and (volt\$3 near divid\$3)	US-PGPUB; USPAT	OR	ON	2007/07/24 11:10
L7	2	L4 and (calibrat\$3 and test\$3 with (microphone\$1))	US-PGPUB; USPAT	OR	ON	2007/07/24 11:11
S1	1518	(381/56,58,92,122.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/19 14:24
S2	906	S1 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/19 14:24
S3	400	(381/111.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/23 11:48
S4	207	S3 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/20 14:18
S5	1	"20040165735"	US-PGPUB; USPAT	OR	ON	2007/07/19 14:49
S6	5	"5226089"	US-PGPUB; USPAT	OR	ON	2007/07/20 11:09
S7	1	"20040165735"	US-PGPUB; USPAT	OR	ON	2007/07/20 11:09
S8	2	"6535611"	US-PGPUB; USPAT	OR	ON	2007/07/20 14:13
S9	1518	(381/56,58,92,122.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/20 14:28
S10	172	S9 and (speaker\$1 with (predetermin\$3 or (test signal\$1)) and (periodic\$1 or repeat\$3))	US-PGPUB; USPAT	OR	ON	2007/07/20 14:18
S11	88	S10 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/23 12:22

EAST Search History

S12	86	(US-20040042626-\$ or US-20040008850-\$ or US-20030169890-\$ or US-20030161485-\$ or US-20020181720-\$ or US-20020176587-\$ or US-20020150263-\$ or US-20020141601-\$ or US-20020106092-\$ or US-20020080980-\$ or US-20020064287-\$ or US-20020048376-\$ or US-20020041693-\$ or. US-20020031234-\$ or US-20020009203-\$ or US-20010031053-\$ or US-20010028719-\$ or US-20030072461-\$ or US-20030016835-\$).did. or (US-7227960-\$ or US-7224809-\$ or US-7215786-\$ or US-7181026-\$ or US-7171008-\$ or US-7171007-\$ or US-7146013-\$ or US-7127070-\$ or US-7076069-\$ or US-7068796-\$ or US-7054452-\$ or US-7046812-\$ or US-7035415-\$ or US-7027601-\$ or US-7020291-\$ or US-7020290-\$ or US-6990193-\$ or US-6947570-\$ or US-6931138-\$ or US-6917688-\$ or US-6865275-\$ or US-6795558-\$ or US-6785391-\$ or US-6774934-\$ or US-6766029-\$ or US-6757397-\$). did. or (US-6748086-\$ or US-6738482-\$ or US-6738481-\$ or US-6694028-\$ or US-6686839-\$ or US-6683961-\$ or US-6668062-\$ or US-6618485-\$ or US-6603861-\$ or US-6594367-\$ or US-6584203-\$ or US-6584201-\$ or US-6549630-\$ or US-6535609-\$ or US-6526147-\$ or US-6483923-\$ or US-6469732-\$ or US-6324290-\$ or US-6222927-\$ or US-6192134-\$ or US-6049607-\$ or US-6041127-\$ or US-5778082-\$ or US-5754665-\$ or US-5736927-\$ or US-5657393-\$ or US-5627799-\$). did. or (US-5602962-\$ or US-5581495-\$ or US-5506908-\$ or US-5500903-\$ or US-5473701-\$ or US-5465302-\$ or US-5259035-\$ or US-5058171-\$ or US-5058170-\$ or US-4888807-\$ or US-4806931-\$ or US-4802227-\$ or US-4581758-\$ or US-4149032-\$).did.	US-PGPUB; USPAT	OR	ON	2007/07/20 14:27
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EAST Search History

S13	2	(381/58.ccls.) and S12	US-PGPUB; USPAT	OR	ON	2007/07/20 14:28
S14	33	("4918717" "5109278" "5227776" "5321396").PN. OR ("5736927").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 14:29
S15	16	("3439121" "4090032").PN. OR ("4149032").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 14:35
S16	1220	(381/56-59.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/20 15:17
S17	718	S16 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/20 16:02
S18	10	("5113447" "5555311" "5668884" "5792072" "5825894" "5923764" "6167138" "6269165" "6389111" "6639989").PN. OR ("6970568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 15:25
S19	1513	("381"/\$.ccls.) and ((speaker\$1 or signal\$1 or test\$1) with (predetermin\$3 and period\$3))	US-PGPUB; USPAT	OR	ON	2007/07/20 16:04
S20	92	"L178" and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/20 16:02
S21	1180	S19 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/20 16:15
S22	93	(S21) and ((speaker\$1 or signal\$1 or test\$1) with (predetermin\$3 and period\$3)) same (memor\$3)	US-PGPUB; USPAT	OR	ON	2007/07/20 16:12
S23	12	"5719546"	US-PGPUB; USPAT	OR	ON	2007/07/20 16:12
S24	9	"5719526"	US-PGPUB; USPAT	OR	ON	2007/07/20 16:15
S25	833	(381/56,58.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/20 16:15
S26	479	S25 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/20 16:15
S27	1	"20040165735"	US-PGPUB; USPAT	OR	ON	2007/07/23 12:20
S28	1070	(381/58,59,111.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/23 16:17
S29	563	S28 and (@ad<"20030225")	US-PGPUB; USPAT	OR	ON	2007/07/23 15:57
S30	243	S29 and (calibrat\$3 or impedance\$1)	US-PGPUB; USPAT	OR	ON	2007/07/23 12:25
S31	107	S29 and ((calibrat\$3 or impedance\$1) with (speaker\$1 or loudspeaker\$1))	US-PGPUB; USPAT	OR	ON	2007/07/23 12:53

EAST Search History

S32	1	"20020106092"	US-PGPUB; USPAT	OR	ON	2007/07/23 12:53
S33	25	("3102241" "3974438" "4049930" "4061891" "4092692" "4216517" "4335384" "4510454" "4547740" "4556841" "4683591" "4785419" "4868516" "4987385" "5006812" "5059923" "5127059" "5285500" "5339362" "5400406" "5495178").PN. OR ("5719526"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 14:04

EAST Search History

S34	102	(US-20020106092-\$ or US-20020080980-\$ or US-20020176587-\$ or US-20030016835-\$ or US-20030072461-\$ or US-20020181713-\$ or US-20020048376-\$ or US-20020150263-\$ or US-20020159602-\$ or US-20020141601-\$ or US-20010028719-\$ or US-20020064287-\$ or US-20040057586-\$ or US-20030161485-\$ or US-20020031234-\$ or US-20020041693-\$ or US-20010031053-\$ or US-20020181720-\$ or US-20020009203-\$ or US-20040008850-\$ or US-20040042626-\$ or US-20030169890-\$ or US-20040165735-\$ or US-20040017921-\$ or US-20030185400-\$).did. or (US-5259035-\$ or US-6549630-\$ or US-6694028-\$ or US-5657393-\$ or US-5058171-\$ or US-5778082-\$ or US-7224809-\$ or US-6535609-\$ or US-6584201-\$ or US-5058170-\$ or US-6748086-\$ or US-6111957-\$ or US-5736927-\$ or US-6603861-\$ or US-5500903-\$ or US-4806931-\$ or US-6041127-\$ or US-7035415-\$ or US-5627799-\$ or US-5473701-\$ or US-6222927-\$ or US-4149032-\$ or US-6990193-\$ or US-5465302-\$ or US-5602962-\$ or US-6584203-\$). did. or (US-7127070-\$ or US-4888807-\$ or US-6483923-\$ or US-7215786-\$ or US-7054452-\$ or US-6469732-\$ or US-5506908-\$ or US-6766029-\$ or US-6686839-\$ or US-6865275-\$ or US-7146013-\$ or US-6785391-\$ or US-5754665-\$ or US-7227960-\$ or US-4581758-\$ or US-7020291-\$ or US-7076069-\$ or US-6950525-\$ or US-6947570-\$ or US-7181026-\$ or US-4802227-\$ or US-7046812-\$ or US-5673327-\$ or US-7027601-\$ or US-7171008-\$ or US-7171007-\$ or US-7020290-\$). did. or (US-6324290-\$ or US-6049607-\$ or US-6618485-\$ or US-6917688-\$ or US-6683961-\$ or US-6795558-\$ or US-6968065-\$ or	US-PGPUB; USPAT	OR	ON	2007/07/23 14:31
7/24/2007 11:50:49 AM	C:\Documents and Settings\Danau\My Documents\FAST\Workspaces\10786494.wsp					Page